

05A-0211-62
COPY 2 OF 2

June 28, 1962

Memo For Record
PE - O 6/26/62

During a visit here [] reported that P-3 planned to begin their photographic flight testing in a C-123 from Stewart AFB (West Point, N.Y.) in late July or early August. They expect to have 5 to 8 flights and to complete the program by the middle of September. Their proposed procedure is to off load the camera, unload the film takeup spool, pack the latter in a container and fly the container here in the C-123. The C-123 would then wait here and fly the processed film back to them. One of our failings is that we don't think big enough.

25X1

The above implies a schedule about as follows:

Test begins noon 1, ends 2 PM 1
C-123 leaves Stewart 5 PM 1
C-123 arrives Roch. 8 PM 1
Processing complete between midnite and 4 AM
depending on length of test.

Presumably the flight crew will RON at Roch. and depart early in AM of following day. I don't know clearance status of crew but, in any event, see no reason why they should know anything about us.

Action by us

1. This is the annular ring takeup spool. We will need [] respooler here until testing is completed. As soon as respooler is ready for checkout, arrange for takeup spool to be loaded with film by P-3 by running through camera and sent to us for mating and checkout of re-spooler. They have only one spool.

25X1

[] - to complete spooler.

[] - warn [] of need and arrange shipment of spool to us and return.

25X1

WARNING - This spool must be both delicate and expensive or they could afford to have more than one and couldn't afford to fly it around the country in its private airplane.

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2. Pick up and deliver spool and film for each test from Roch. [redacted]

3. Provide sensitometric strips at head and tail of each roll to go to P-2 with film [redacted]

4. [redacted] thought the T/stop was T/6.0 or T/7.0 without No. 12 filter and an effective speed of 1/190. If it is either, he is in real trouble so he will try to find out the facts. He actually needs about a T/4.5 for reasonable exposure. When he reports T/stop, determine probable processing - [redacted]

5. Have machine ready - [redacted]

Warning procedure will be as follows:

A. Day before flight - Call Be 5-5 and tell [redacted] or [redacted]

B. When test flight starts - call as above.

C. When C-123 takes off for Roch. - call as above with ETA.

6. Arrange hotel accommodations for flight crew (if desired) - [redacted]

7. No titling, no duplicates but Hqs. will probably desire cursory report on quality as we see it. [redacted]

8. TWX report to Hqs. info P-2 on completion of each processing - [redacted]

New Subject

[redacted] was entirely unfamiliar with [redacted] We showed him drawings and discussed our processing equipment. He also wanted to know what evaluation equipment we would furnish for them. The general answer is none because we hadn't planned to make detailed evaluations there. This takes space, time and skilled (and high priced) technical personnel that aren't available there. We will have a couple of small microscopes and a viewing table which he is certainly welcome to use if not in use.

But he is talking about having a micro-densitometer and making sine-wave response, acutance measurements and the like type of evaluations there. So it was suggested that he pull this chestnut out of the fire himself.

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There are, however, two items we can and should provide.

1. A 55" viewer (his frames are 37" long).
2. A simple contact printing light box for a single frame. (Roll negative, cut sheet raw stock.)
(Make it wide enough for ours, too.)

Action Items on above.

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|--|----------------------|-------|
| 1. Estimate cost of viewer - | <input type="text"/> | 25X1A |
| 2. Design and estimate printing frame - | <input type="text"/> | 25X1A |
| 3. Transmit cost and obtain approval - | <input type="text"/> | 25X1A |
| 4. Fabricate 1 and 2. - | <input type="text"/> | |
| 5. Determine Versamat process for SO 278 - | <input type="text"/> | 25X1A |
| 6. Ship to field and train in use - | <input type="text"/> | 25X1A |

ELQ/MDG
cc:

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